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L.V. COOK 7/8/05

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Hoeffler et al. Art Unit: 1641  
Application No.: 10/035,368 Examiner: L.V. Cook  
Filed: October 26, 2001 Confirmation No.: 2504  
Title: MICROARRAYS AND USES THEREFOR

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT IN RESPONSE TO THE FINAL OFFICE ACTION**

Sir:

In response to the Final Office Action mailed December 29, 2004, entry of the amendments and reconsideration of the application in view of the following remarks are respectfully requested.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, June 29, 2005 in an envelope addressed to: Mail Stop AF  
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-11450.

Stephanie Sharrett

Name of Person Mailing Paper

*Stephanie Sharrett* June 29, 2005

Signature